Pushing Performance
Since 1945

# 9p STR MA PL2_pin_M3 nut_Reel_140 pcs

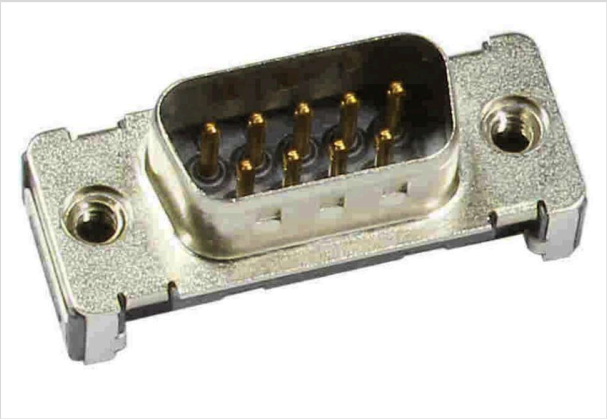


Image is for illustration purposes only. Please refer to product description.

| | |
|---|---|
| Part number | 09 55 169 6811 741 |
| Specification | 9p STR MA PL2_pin_M3 nut_Reel_140 pcs |
| HARTING eCatalogue | https://harting.com/09551696811741 |

## Identification

| | |
|---|---|
| Category | Connectors |
| Series | D-Sub |
| Identification | Standard |
| Element | Connector |
| Description of the contact | Stamped<br>Straight |

## Version

| | |
|---|---|
| Termination method | Reflow soldering termination (SMT) |
| Gender | Male |
| Size | D-Sub 1 |
| Connection type | Motherboard to daughtercard<br>Mezzanine |
| Number of contacts | 9 |
| PCB fixing | With board locks |
| Locking type | Fixing flange with thread M3 |
| Pack contents | 140 pieces on reel |

## Technical characteristics

| | |
|---|---|
| Contact spacing (termination side) | 2.74 mm |
| Rated current | 5 A |
| Clearance distance | ≥1 mm |
| Creepage distance | ≥1 mm |
| Insulation resistance | > 5 x $10^9$ Ω |


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## Technical characteristics

| | |
|---|---|
| Contact resistance | ≤25 mΩ |
| Tightening torque | ≤0.6 Nm Female screw lock |
| Limiting temperature | -55 ... +125 °C (during reflow soldering max. +240 °C for 30 s) |
| Insertion force | ≤30 N |
| Withdrawal force | ≥3.3 N<br>≤20 N |
| Performance level | 2<br>acc. to CECC 75301-802 |
| Mating cycles | ≥250 |
| Test voltage $U_{r.m.s.}$ | 1 kV |
| Isolation group | IIIa (175 ≤ CTI < 400) |
| PCB thickness | ≥1.6 mm |
| Installation height | 6.35 mm |
| Hot plugging | No |
| Moisture Sensitivity Level (MSL) | 1 acc. to ECA/IPC/JEDEC J-STD-020D |
| Process Sensitivity Level (PSL) | R0 acc. to ECA/IPC/JEDEC J-STD-020D |

## Material properties

| | |
|---|---|
| Material (insert) | Liquid crystal polymer (LCP)<br>Shell: steel, nickel plated |
| Colour (insert) | Black |
| Material (contacts) | Copper alloy |
| Surface (contacts) | Noble metal over Ni |
| Material flammability class acc. to UL 94 | V-0 |
| RoHS | compliant |
| ELV status | compliant |
| China RoHS | e |
| REACH Annex XVII substances | Not contained |
| REACH ANNEX XIV substances | Not contained |
| REACH SVHC substances | Not contained |
| California Proposition 65 substances | Not contained |

## Specifications and approvals

| | |
|---|---|
| Specifications | DIN 41652 |


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| | |
|---|---|
| UL / CSA | UL 1977 ECBT2.E102079<br>CSA-C22.2 No. 182.3 ECBT8.E102079 |

## Commercial data

| | |
|---|---|
| Packaging size | 1 |
| Net weight | 1,280 g |
| Country of origin | Vietnam |
| European customs tariff number | 85366990 |
| GTIN | 5713140069121 |
| ETIM | EC001136 |
| eCl@ss | 27440214 D-Sub coupler |


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